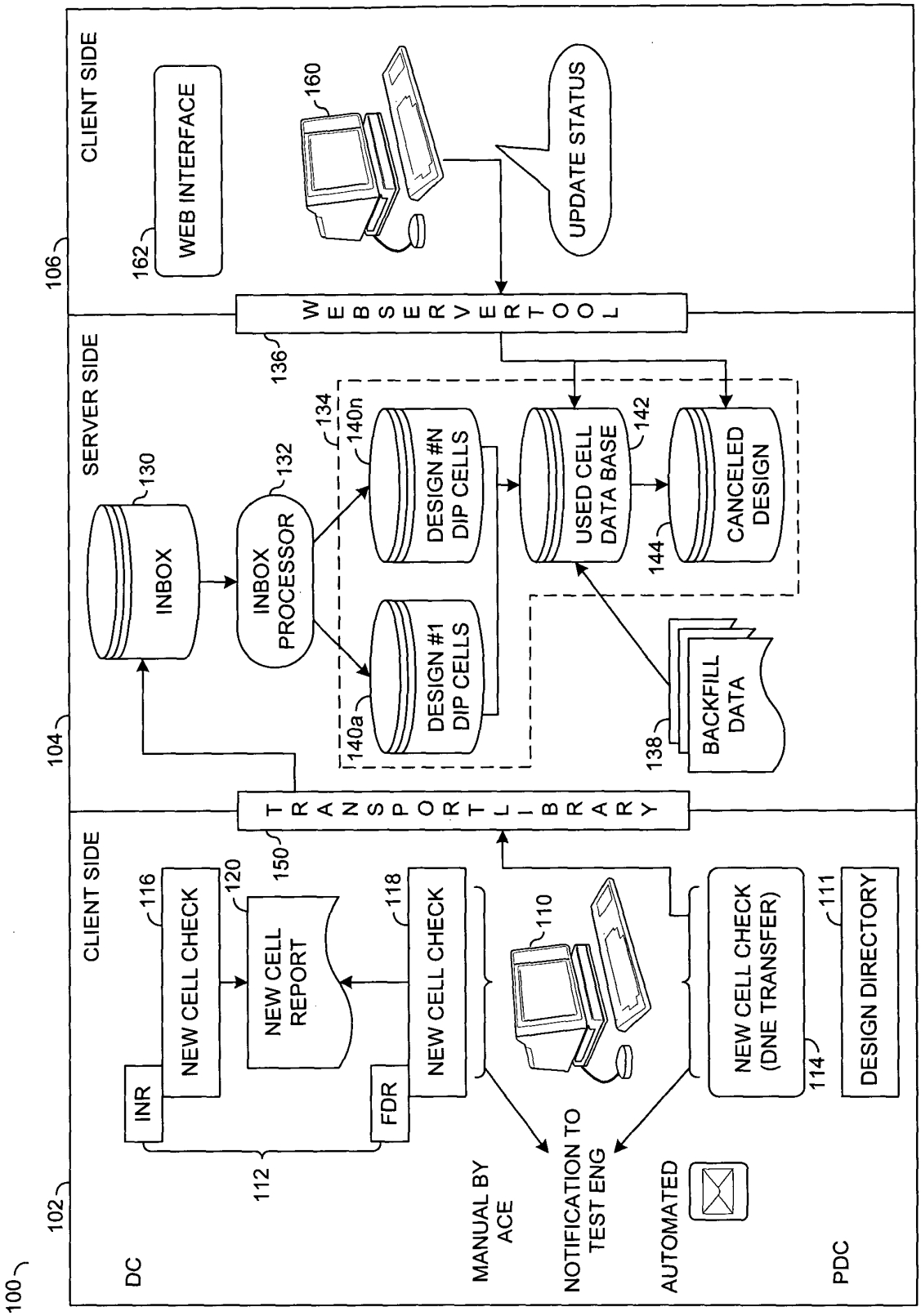
100
102
DC
CLIENT SIDE
INR
116
NEW CELL CHECK
120
NEW CELL REPORT
FDR
118
NEW CELL CHECK
112
150
TRANSPORT LIBRARY
MANUAL BY ACE
110
NOTIFICATION TO TEST ENG
AUTOMATED
NEW CELL CHECK (DNE TRANSFER)
114
111
DESIGN DIRECTORY
PDC
104
SERVER SIDE
INBOX
130
INBOX PROCESSOR
132
134
140n
DESIGN #N DIP CELLS
140a
DESIGN #1 DIP CELLS
USED CELL DATA BASE
142
CANCELED DESIGN
144
BACKFILL DATA
138
136
WEB SERVER TOOL
106
CLIENT SIDE
WEB INTERFACE
162
160
UPDATE STATUS

FIG. 1

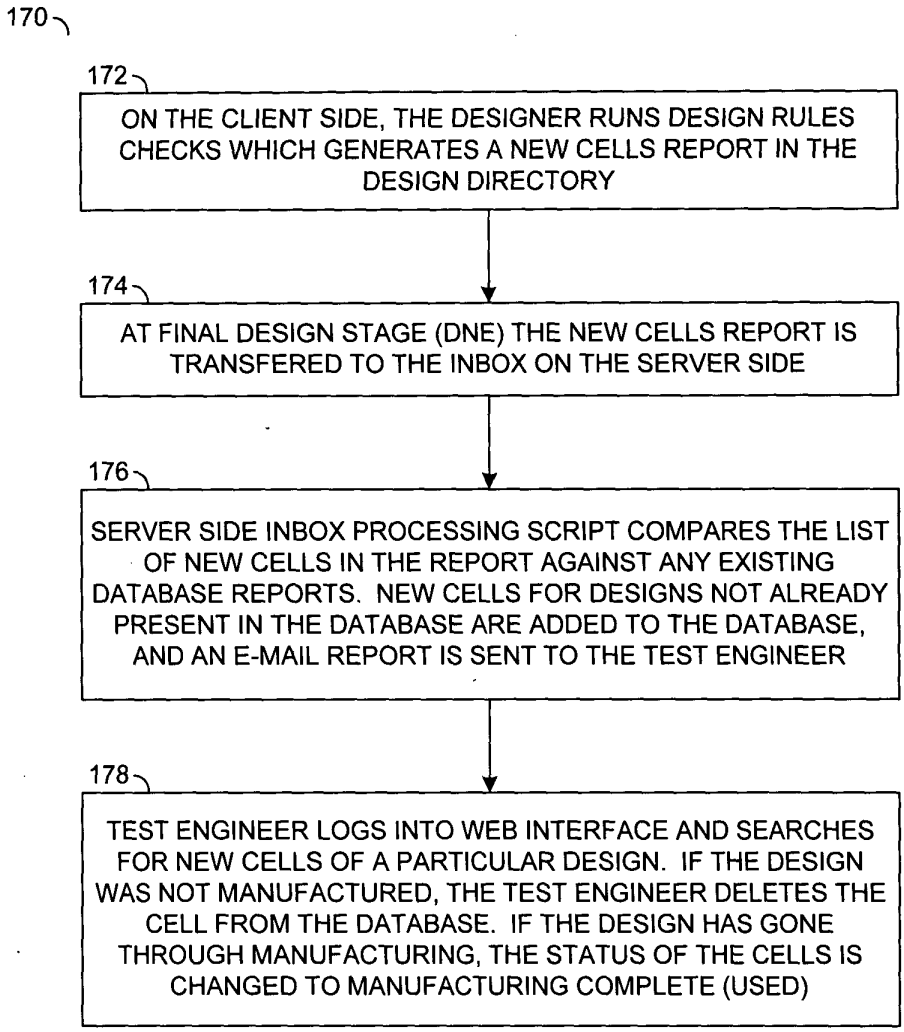
170
172
ON THE CLIENT SIDE, THE DESIGNER RUNS DESIGN RULES CHECKS WHICH GENERATES A NEW CELLS REPORT IN THE DESIGN DIRECTORY
174
AT FINAL DESIGN STAGE (DNE) THE NEW CELLS REPORT IS TRANSFERED TO THE INBOX ON THE SERVER SIDE
176
SERVER SIDE INBOX PROCESSING SCRIPT COMPARES THE LIST OF NEW CELLS IN THE REPORT AGAINST ANY EXISTING DATABASE REPORTS. NEW CELLS FOR DESIGNS NOT ALREADY PRESENT IN THE DATABASE ARE ADDED TO THE DATABASE, AND AN E-MAIL REPORT IS SENT TO THE TEST ENGINEER
178
TEST ENGINEER LOGS INTO WEB INTERFACE AND SEARCHES FOR NEW CELLS OF A PARTICULAR DESIGN. IF THE DESIGN WAS NOT MANUFACTURED, THE TEST ENGINEER DELETES THE CELL FROM THE DATABASE. IF THE DESIGN HAS GONE THROUGH MANUFACTURING, THE STATUS OF THE CELLS IS CHANGED TO MANUFACTURING COMPLETE (USED)

FIG. 2